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(FILE 'HOME' ENTERED AT 15:25:02 ON 10 MAY 2004)

FILE 'CAPLUS, CABA, AGRICOLA, BIOSIS' ENTERED AT 15:25:23 ON 10 MAY 2004

L1 31200 S LUCIFERASE  
L2 3979 S LUCIFERIN  
L3 265 S PLANT AND L1 AND L2  
L4 5222 S PLANT FOOD  
L5 0 S L3 AND L4

=> s bioluminescent and l3

L6 16 BIOLUMINESCENT AND L3

=> dup rem l6

PROCESSING COMPLETED FOR L6

L7 16 DUP REM L6 (0 DUPLICATES REMOVED)

=> d 1-16

L7 ANSWER 1 OF 16 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2002:793765 CAPLUS

DN 137:305740

TI **Bioluminescent plants** expressing heterologous  
**bioluminescent** protein and methods of making same

IN Kay, Steve A.; Kuhlmann, Tina; Lerner, Richard A.

PA The Scripps Research Institute, USA

SO PCT Int. Appl., 96 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002081647	A2	20021017	WO 2002-US11116	20020408
	WO 2002081647	A3	20030904		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
EP	1383372	A2	20040128	EP 2002-763991	20020408
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
PRAI	US 2001-282094P	P	20010406		
	WO 2002-US11116	W	20020408		

L7 ANSWER 2 OF 16 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN

AN 2001:269560 BIOSIS

DN PREV200100269560

TI Rapid assay for the functional assessment of cell mediated immunity in transplant patients on immunosuppressive therapy.

AU Britz, Judith A. [Reprint author]; Kowalski, Richard J. [Reprint author]; Woodcock, Juliana B. [Reprint author]; Schroeder, Timothy J.

CS Cylex Inc., 8980-I Old Annapolis Road, Columbia, MD, 21045, USA

SO FASEB Journal, (March 7, 2001) Vol. 15, No. 4, pp. A667. print.

Meeting Info.: Annual Meeting of the Federation of American Societies for Experimental Biology on Experimental Biology 2001. Orlando, Florida, USA. March 31-April 04, 2001.

CODEN: FAJOEC. ISSN: 0892-6638.

DT Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)  
LA English  
ED Entered STN: 6 Jun 2001  
Last Updated on STN: 19 Feb 2002

L7 ANSWER 3 OF 16 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2001:559041 BIOSIS  
DN PREV200100559041

TI Alteration of the coadherence of *Candida albicans* with oral bacteria by dietary sugars.

AU Nikawa, H. [Reprint author]; Egusa, H.; Makihiro, S.; Yamashiro, H.; Fukushima, H.; Jin, C.; Nishimura, M.; Pudji, R. R.; Hamada, T.

CS Department of Prosthetic Dentistry, Hiroshima University School of Dentistry, 1-2-3 Kasumi Minamiku, Hiroshima, 734, Japan

SO Oral Microbiology and Immunology, (October, 2001) Vol. 16, No. 5, pp. 279-283. print.

CODEN: OMIMEE. ISSN: 0902-0055.

DT Article  
LA English  
ED Entered STN: 5 Dec 2001  
Last Updated on STN: 25 Feb 2002

L7 ANSWER 4 OF 16 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2001:230724 BIOSIS  
DN PREV200100230724

TI XIth International Symposium on Bioluminescence and Chemiluminescence, Asilomar, California, USA, September 6-10, 2000.

AU Anonymous

SO Luminescence (Chichester), (July-August, 2000) Vol. 15, No. 4, pp. 199-232. print.

ISSN: 1522-7235.

DT Conference; (Meeting)  
Conference; (Meeting Summary)  
LA English  
ED Entered STN: 16 May 2001  
Last Updated on STN: 18 Feb 2002

L7 ANSWER 5 OF 16 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1997:358256 BIOSIS  
DN PREV199799664659

TI Development and application of a bioluminescence ATP assay method for rapid detection of coliform bacteria.

AU Tanaka, H. [Reprint author]; Shinji, T.; Sawada, K.; Monji, Y.; Seto, S.; Yajima, M.; Yagi, O.

CS Inst. Applied Biochem., Univ. Tsukuba, 1-1-1 Tennoudai, Tsukuba, Ibaraki 305, Japan

SO Water Research, (1997) Vol. 31, No. 8, pp. 1913-1918.

CODEN: WATRAG. ISSN: 0043-1354.

DT Article  
LA English  
ED Entered STN: 25 Aug 1997  
Last Updated on STN: 25 Aug 1997

L7 ANSWER 6 OF 16 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1998:49377 BIOSIS  
DN PREV199800049377

TI Quantification of thigmotropism (contact sensing) of *Candida albicans* and

Candida tropicalis.

AU Nikawa, H. [Reprint author]; Nishimura, H.; Hamada, T.; Sadamori, S.  
 CS Dep. Prosthetic Dent., Hiroshima Univ., Sch. Dent., 1-2-3 Kasumi,  
 Minamiku, Hiroshima 734, Japan  
 SO Mycopathologia, (April, 1997) Vol. 138, No. 1, pp. 13-19. print.  
 CODEN: MYCPAH. ISSN: 0301-486X.  
 DT Article  
 LA English  
 ED Entered STN: 27 Jan 1998  
 Last Updated on STN: 27 Jan 1998

L7 ANSWER 7 OF 16 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1996:289579 BIOSIS  
 DN PREV199699011935  
 TI Exploring the signaling pathway of circadian bioluminescence.  
 AU Mittag, Maria; Hastings, J. Woodland [Reprint author]  
 CS Dep. Mol. Cell. Biol., Harvard Univ., 16 Divinity Ave., Cambridge, MA  
 02138, USA  
 SO Physiologia Plantarum, (1996) Vol. 96, No. 4, pp. 727-732.  
 CODEN: PHPLAI. ISSN: 0031-9317.  
 DT Article  
 LA English  
 ED Entered STN: 25 Jun 1996  
 Last Updated on STN: 25 Jun 1996

L7 ANSWER 8 OF 16 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1995:362041 BIOSIS  
 DN PREV199598376341  
 TI Expression of recombinant Renilla **luciferase** in transgenic  
**plants** results in high levels of light emission.  
 AU Mayerhofer, R.; Langridge, W. H. R.; Cormier, M. J.; Szalay, A. A.  
 [Reprint author]  
 CS Plant Molecular Genetics Lab., Univ. Alberta, Edmonton, AB T6G 2P5, Canada  
 SO Plant Journal, (1995) Vol. 7, No. 6, pp. 1031-1038.  
 ISSN: 0960-7412.  
 DT Article  
 LA English  
 ED Entered STN: 30 Aug 1995  
 Last Updated on STN: 10 Oct 1995

L7 ANSWER 9 OF 16 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1996:651213 CAPLUS  
 DN 125:296459  
 TI Targeting aequorin and firefly **luciferase** to defined  
 compartments of **plant** and animal cells  
 AU Campbell, A. K.; Kendall, J. M.; Sala-Newby, G. B.; Dormer, R. L.;  
 Badminton, M. N.; Llewellyn, D. H.; Watkins, N. J.; Knight, M.; Trewavas,  
 A. J.  
 CS College Medicine, University Wales, Heath Park/Cardiff, CF4 4XN, UK  
 SO Bioluminescence and Chemiluminescence: Status Report, Proceedings of the  
 International Symposium on Bioluminescence and Chemiluminescence, 7th,  
 Banff, Alta., March 14-18, 1993 (1993), 55-59. Editor(s): Szalay, Aladar  
 A.; Kricka, Larry J.; Stanley, Philip E. Publisher: Wiley, Chichester, UK.  
 CODEN: 63MLAK  
 DT Conference  
 LA English

L7 ANSWER 10 OF 16 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1991:468004 CAPLUS  
 DN 115:68004  
 TI Modified **bioluminescent** proteins for detection, location,  
 measurement, or visualization of substances in biological systems

IN Campbell, Anthony Keith  
PA University of Wales College of Medicine, UK  
SO PCT Int. Appl., 30 pp.  
CODEN: PIXXD2

DT Patent  
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9101305	A1	19910207	WO 1990-GB1131	19900723
	W:	AT, AU, BB, BG, BR, CA, CH, DE, DK, ES, FI, GB, HU, JP, KP, KR, LK, LU, MC, MG, MW, NL, NO, RO, SD, SE, SU, US			
	RW:	AT, BE, BF, BJ, CF, CG, CH, CM, DE, DK, ES, FR, GA, GB, IT, LU, ML, MR, NL, SE, SN, TD, TG			
	CA 2064766	AA	19910123	CA 1990-2064766	19900723
	AU 9060545	A1	19910222	AU 1990-60545	19900723
	EP 484369	A1	19920513	EP 1990-910819	19900723
	EP 484369	B1	20011114		
	R:	AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, LU, NL, SE			
	JP 05501862	T2	19930408	JP 1990-510424	19900723
	JP 3375337	B2	20030210		
	EP 1097992	A2	20010509	EP 2000-203862	19900723
	EP 1097992	A3	20010516		
	R:	AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, LU, NL, SE			
	AT 208792	E	20011115	AT 1990-910819	19900723
	ES 2167307	T3	20020516	ES 1990-910819	19900723
	JP 2003102491	A2	20030408	JP 2002-253527	19900723
	US 5683888	A	19971104	US 1994-270314	19940705
	US 6492500	B1	20021210	US 1997-957135	19971024
	US 6440665	B1	20020827	US 1999-225302	19990105
	US 2002151014	A1	20021017	US 2002-154801	20020528
PRAI	GB 1989-16806	A	19890722		
	EP 1990-910819	A3	19900723		
	JP 1990-510424	A3	19900723		
	WO 1990-GB1131	A	19900723		
	US 1992-820867	B1	19920122		
	US 1994-270314	A3	19940705		
	US 1997-957135	A3	19971024		
	US 1999-225302	A3	19990105		

L7 ANSWER 11 OF 16 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1991:247319 BIOSIS  
DN PREV199191127874; BA91:127874  
TI COLOCALIZATION OF **LUCIFERIN** BINDING PROTEIN AND  
**LUCIFERASE** TO THE SCINTILLONS OF GONYAULAX-POLYEDRA REVEALED BY  
DOUBLE IMMUNOLABELING AFTER FAST-FREEZE FIXATION.  
AU NICOLAS M-T [Reprint author]; MORSE D; BASSOT J-M; HASTINGS J W  
CS DEP CELLULAR DEV BIOL, HARVARD UNIV, 16 DIVINITY AVE, CAMBRIDGE, MASS  
02138, USA  
SO Protoplasma, (1991) Vol. 160, No. 2-3, pp. 159-166.  
CODEN: PROTA5. ISSN: 0033-183X.  
DT Article  
FS BA  
LA ENGLISH  
ED Entered STN: 25 May 1991  
Last Updated on STN: 25 May 1991

L7 ANSWER 12 OF 16 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1989:408832 BIOSIS  
DN PREV198988078257; BA88:78257  
TI ROLE OF A **LUCIFERIN**-BINDING PROTEIN IN THE CIRCADIAN  
**BIOLUMINESCENT** REACTION OF GONYAULAX-POLYEDRA.

AU MORSE D [Reprint author]; PAPPENHEIMER A M JR; HASTINGS J W  
 CS DEP CELL DEVELOPMENTAL BIOL, BIOLOGICAL LABORATORIES, HARVARD UNIV,  
 CAMBRIDGE, MASS 02138, USA  
 SO Journal of Biological Chemistry, (1989) Vol. 264, No. 20, pp. 11822-11826.  
 CODEN: JBCHA3. ISSN: 0021-9258.  
 DT Article  
 FS BA  
 LA ENGLISH  
 ED Entered STN: 1 Sep 1989  
 Last Updated on STN: 9 Sep 1989

L7 ANSWER 13 OF 16 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1989:528623 BIOSIS  
 DN PREV198937127481; BR37:127481  
 TI CHEMISTRY CLONES AND CIRCADIAN CONTROL OF THE DINOFLAGELLATE  
**BIOLUMINESCENT** SYSTEM THE MARLENE DELUCA MEMORIAL LECTURE.  
 AU HASTINGS J W [Reprint author]  
 CS HARV UNIV, DEP CELLULAR AND DEV BIOL, 16 DIVINITY AVE, CAMBRIDGE, MASS  
 02138, USA  
 SO Journal of Bioluminescence and Chemiluminescence, (1989) Vol. 4, No. 1,  
 pp. 12-20.  
 Meeting Info.: VTH INTERNATIONAL SYMPOSIUM ON BIOLUMINESCENCE AND  
 CHEMILUMINESCENCE, FLORENCE-BOLOGNA, ITALY, SEPTEMBER 25-29, 1989. J  
 BIOLUMIN CHEMILUMIN.  
 CODEN: JBCHE7. ISSN: 0884-3996.  
 DT Conference; (Meeting)  
 FS BR  
 LA ENGLISH  
 ED Entered STN: 21 Nov 1989  
 Last Updated on STN: 26 Nov 1989

L7 ANSWER 14 OF 16 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1989:504541 BIOSIS  
 DN PREV198937114200; BR37:114200  
 TI HERE TONIGHT GONE TOMORROW THE **BIOLUMINESCENT** ORGANELLES OF THE  
 DINOFLAGELLATE GONYAULAX-POLYEDRA ARE FORMED AND DEGRADED ON A DAILY  
 BASIS.  
 AU FRITZ L [Reprint author]; MORSE D; HASTINGS J W  
 CS BIOL LAB, HARVARD UNIV, CAMBRIDGE, MASS 02138, USA  
 SO Journal of Phycology, (1989) Vol. 25, No. 2 SUPPL, pp. 5.  
 Meeting Info.: ANNUAL MEETING OF THE PHYCOLOGICAL SOCIETY OF AMERICA,  
 TORONTO, ONTARIO, CANADA, AUGUST 6-10, 1989. J PHYCOL.  
 CODEN: JPYLAJ. ISSN: 0022-3646.  
 DT Conference; (Meeting)  
 FS BR  
 LA ENGLISH  
 ED Entered STN: 7 Nov 1989  
 Last Updated on STN: 11 Nov 1989

L7 ANSWER 15 OF 16 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1981:185050 BIOSIS  
 DN PREV198171055042; BA71:55042  
 TI PEDIGREED STOCKS OF MYCOBACTERIUM-LEPRAEMURIUM FOR CULTIVATION AND  
 METABOLIC STUDIES.  
 AU DHOPLE A M [Reprint author]; HANKS J H  
 CS MED RES INST, FLA INST TECHNOL, 7725 W NEW HAVEN AVE, MELBOURNE, FLA,  
 32901  
 SO Canadian Journal of Microbiology, (1980) Vol. 26, No. 10, pp. 1247-1252.  
 CODEN: CJMIAZ. ISSN: 0008-4166.  
 DT Article  
 FS BA  
 LA ENGLISH

L7 ANSWER 16 OF 16 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1975:510741 CAPLUS  
DN 83:110741  
TI Bioluminescence method for determining adenosine 3'-phosphate 5'-phosphate  
(PAP) and adenosine 3'-phosphate 5'-sulfatophosphate (PAPS) in biological  
materials  
AU Stanley, Philip E.; Kelley, Bruce C.; Tuovinen, Olli H.; Nicholas, D. J.  
D.  
CS Waite Agric. Res. Inst., Univ. Adelaide, Glen Osmond, Australia  
SO Analytical Biochemistry (1975), 67(2), 540-51  
CODEN: ANBCA2; ISSN: 0003-2697  
DT Journal  
LA English

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L9 ANSWER 1 OF 23 CABA COPYRIGHT 2004 CABI on STN  
 AN 1999:110959 CABA  
 DN 19991608156  
 TI **Luciferase** as a reporter gene for transformation studies in rice  
 (Oryza sativa L.)  
 AU Baruah-Wolff, J.; Harwood, W. A.; Lonsdale, D. A.; Harvey, A.; Hull, R.;  
 Snape, J. W.  
 CS John Innes Centre, Norwich Research Park, Colney, Norwich, NR4 7UH, UK.  
 SO Plant Cell Reports, (1999) Vol. 18, No. 9, pp. 715-720. 19 ref.  
 ISSN: 0721-7714  
 DT Journal  
 LA English  
 ED Entered STN: 19990811  
 Last Updated on STN: 19990811

L9 ANSWER 2 OF 23 CABA COPYRIGHT 2004 CABI on STN  
 AN 1998:48947 CABA  
 DN 19980703186  
 TI A simple and rapid method for determining cell survival in the  
 cryopreserved shoot apex using **luciferin-luciferase**  
 ATP assay  
 AU Sugawara, Y. L; Takeuchi, M.  
 CS Department of Regulation Biology, Faculty of Science, Saitama University,  
 Urawa 338, Japan.  
 SO Plant Science (Limerick), (1997) Vol. 130, No. 1, pp. 107-112.  
 28 ref.  
 ISSN: 0168-9452  
 DT Journal  
 LA English  
 ED Entered STN: 19980407  
 Last Updated on STN: 19980407

L9 ANSWER 3 OF 23 CABA COPYRIGHT 2004 CABI on STN  
 AN 1998:14116 CABA  
 DN 19980600722  
 TI Assessing biodeterioration in wood using ATP photometry: part I.  
 Nucleotide extraction and wood interference  
 AU Nieto, F. E.; Lee, J. J.; Koestler, R. J.  
 CS Metropolitan Museum of Art, New York, 10028 USA.  
 SO International Biodeterioration & Biodegradation, (1997) Vol. 39,  
 No. 1, pp. 9-13. 16 ref.  
 ISSN: 0964-8305  
 DT Journal  
 LA English  
 ED Entered STN: 19980211  
 Last Updated on STN: 19980211

L9 ANSWER 4 OF 23 CABA COPYRIGHT 2004 CABI on STN  
 AN 96:64167 CABA  
 DN 19961603844  
 TI Efficient promoter cassettes for enhanced expression of foreign genes in  
 dicotyledonous and monocotyledonous **plants**  
 AU Mitsuhara, I.; Ugaki, M.; Hirochika, H.; Ohshima, M.; Murakami, T.; Gotoh,  
 Y.; Katayose, Y.; Nakamura, S.; Honkura, R.; Nishimiya, S.; Ueno, K.;  
 Mochizuki, A.; Tanimoto, H.; Tsugawa, H.; Otsuki, Y.; Ohashi, Y.  
 CS National Institute of Agrobiological Resources, Tsukuba, Ibaraki 305,  
 Japan.  
 SO Plant and Cell Physiology, (1996) Vol. 37, No. 1, pp. 49-59. 45  
 ref.  
 ISSN: 0032-0781  
 DT Journal  
 LA English

ED Entered STN: 19960513  
Last Updated on STN: 19960513

L9 ANSWER 5 OF 23 CABA COPYRIGHT 2004 CABI on STN  
AN 96:63651 CABA  
DN 19961603328  
TI Comparison of Vibrio and firefly **luciferases** as reporter gene  
systems for use in bacteria and **plants**  
AU Mudge, S. R.; Lewis-Henderson, W. R.; Birch, R. G.  
CS Department of Botany, University of Queensland, Qld 4072, Australia.  
SO Australian Journal of Plant Physiology, (1996) Vol. 23, No. 1,  
pp. 75-83. 46 ref.  
ISSN: 0310-7841  
DT Journal  
LA English  
ED Entered STN: 19960513  
Last Updated on STN: 19960513

L9 ANSWER 6 OF 23 CABA COPYRIGHT 2004 CABI on STN  
AN 95:145189 CABA  
DN 19951609158  
TI Expression of recombinant Renilla **luciferase** in transgenic  
**plants** results in high levels of light emission  
AU Mayerhofer, R.; Langridge, W. H. R.; Cormier, M. J.; Szalay, A. A.  
CS Plant Molecular Genetics Laboratories, University of Alberta, Edmonton,  
Alta T6G 2P5, Canada.  
SO Plant Journal, (1995) Vol. 7, No. 6, pp. 1031-1038. 38 ref.  
ISSN: 0960-7412  
DT Journal  
LA English  
ED Entered STN: 19950821  
Last Updated on STN: 19950821

L9 ANSWER 7 OF 23 CABA COPYRIGHT 2004 CABI on STN  
AN 95:31993 CABA  
DN 19950700629  
TI Variations of adenyl nucleotide content in two potato cultivars stored at  
15[deg]C. I. Method for the determination of ATP level and first results  
AU Siegenthaler, P. A.; Biotto, C.  
CS Laboratoire de Physiologie vegetale, Universite de Neuchatel, Rue Emile  
Argand 13, CH-2007 Neuchatel, Switzerland.  
SO Potato Research, (1994) Vol. 37, No. 2, pp. 151-160. 37 ref.  
ISSN: 0014-3065  
DT Journal  
LA English  
ED Entered STN: 19950223  
Last Updated on STN: 19950223

L9 ANSWER 8 OF 23 CABA COPYRIGHT 2004 CABI on STN  
AN 94:114994 CABA  
DN 19941609582  
TI The firefly **luciferase** gene as a non-invasive reporter for  
Dendrobium transformation  
AU Chia, T. F.; Chan, Y. S.; Chua, N. H.  
CS Institute of Molecular & Cell Biology, National University of Singapore,  
10 Kent Ridge Crescent, 0511 Singapore.  
SO Plant Journal, (1994) Vol. 6, No. 3, pp. 441-446. 16 ref.  
ISSN: 0960-7412  
DT Journal  
LA English  
ED Entered STN: 19941202  
Last Updated on STN: 19970114



L9 ANSWER 9 OF 23 CABA COPYRIGHT 2004 CABI on STN  
AN 92:26776 CABA  
DN 19920751655  
TI Extraction and determination of seed adenine nucleotides by different  
methods for anaerobic stress evaluation  
AU VanToai, T. T.  
CS USDA-ARS, Soil Drainage Research Unit, Columbus, OH 43210, USA.  
SO Seed Science and Technology, (1989) Vol. 17, No. 3, pp. 439-451.  
39 ref.  
ISSN: 0251-0952  
DT Journal  
LA English  
SL French; German  
ED Entered STN: 19941101  
Last Updated on STN: 19941101

L9 ANSWER 10 OF 23 CABA COPYRIGHT 2004 CABI on STN  
AN 91:80698 CABA  
DN 19911620958  
TI Introduction of foreign DNA into walled **plant** cells via  
liposomes injected into the vacuole: a preliminary study  
AU Lucas, W. J.; Lansing, A.; Wet, J. R. de; Walbot, V.; De Wet, J. R.  
CS Department of Botany, University of California, Davis, CA 95616, USA.  
SO Physiologia Plantarum, (1990) Vol. 79, No. 1, pp. 184-189. 9  
ref.  
ISSN: 0031-9317  
DT Journal  
LA English  
ED Entered STN: 19941101  
Last Updated on STN: 19941101

L9 ANSWER 11 OF 23 CABA COPYRIGHT 2004 CABI on STN  
AN 91:43218 CABA  
DN 19911619838  
TI Variable patterns of expression of **luciferase** in transgenic  
tobacco leaves  
AU Barnes, W. M.  
CS Department of Biochemistry & Molecular Biophysics, Washington University  
School of Medicine, Saint Louis, MO 63110, USA.  
SO Proceedings of the National Academy of Sciences of the United States of  
America, (1990) Vol. 87, No. 23, pp. 9183-9187. 29 ref.  
ISSN: 0027-8424  
DT Journal  
LA English  
ED Entered STN: 19941101  
Last Updated on STN: 19941101

L9 ANSWER 12 OF 23 CABA COPYRIGHT 2004 CABI on STN  
AN 90:133391 CABA  
DN 19901616771  
TI Inheritance and expression of chimeric genes in the progeny of transgenic  
maize **plants**  
AU Fromm, M. E.; Morrish, F.; Armstrong, C.; Williams, R.; Thomas, J.; Klein,  
T. M.  
CS Plant Gene Expression Center, USDA/UC Berkeley, 800 Buchanan St., Albany,  
CA 94710, USA.  
SO Bio/Technology, (1990) Vol. 8, No. 9, pp. 833-839. 44 ref.  
ISSN: 0733-222X  
DT Journal  
LA English  
ED Entered STN: 19941101

Last Updated on STN: 19941101

L9 ANSWER 13 OF 23 CABA COPYRIGHT 2004 CABI on STN  
AN 90:106547 CABA  
DN 19901615285  
TI The in vivo pattern of firefly **luciferase** expression in  
transgenic **plants**  
AU Schneider, M.; Ow, D. W.; Howell, S. H.  
CS Boyce Thompson Institute, Tower Road, Cornell University, Ithaca, NY  
14853-1801, USA.  
SO Plant Molecular Biology, (1990) Vol. 14, No. 6, pp. 935-947. 29  
ref.  
ISSN: 0167-4412  
DT Journal  
LA English  
ED Entered STN: 19941101  
Last Updated on STN: 19941101

L9 ANSWER 14 OF 23 CABA COPYRIGHT 2004 CABI on STN  
AN 90:3329 CABA  
DN 19900730716  
TI Vigor determination in barley seeds by the multiple criteria  
AU Kim, S. H.; Choe, Z. R.; Kang, J. H.  
CS Department of Agronomy, College of Agriculture, Gyeongsang National  
University Chinju 620, Korea Republic.  
SO Korean Journal of Crop Science, (1987) Vol. 32, No. 4, pp.  
417-424. 27 ref.  
ISSN: 0252-9777  
DT Journal  
LA English  
SL Korean  
ED Entered STN: 19941101  
Last Updated on STN: 19941101

L9 ANSWER 15 OF 23 CABA COPYRIGHT 2004 CABI on STN  
AN 90:1116 CABA  
DN 19900358373  
TI Estimation of seed traces in grape berries by inhibition of  
**luciferase** activity  
AU Perl, M.; Lavi, U.; Spiegel-Roy, P.  
CS Agricultural Research Organization, Volcani Center, Bet Dagan 50250,  
Israel.  
SO HortScience, (1989) Vol. 24, No. 5, pp. 853. 5 ref.  
ISSN: 0018-5345  
DT Journal  
LA English  
ED Entered STN: 19941101  
Last Updated on STN: 19941101

L9 ANSWER 16 OF 23 CABA COPYRIGHT 2004 CABI on STN  
AN 87:31974 CABA  
DN 19870799021  
TI Improved separation and toxicity analysis methods for purothionins  
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CS ARS-USDA, Northern Regional Res. Cent., Peoria, IL 61604, USA.  
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Secondary Source: Analytical Abstracts, 48, 2G6  
DT Journal  
LA English  
ED Entered STN: 19941101  
Last Updated on STN: 19941101

L9 ANSWER 17 OF 23 CABA COPYRIGHT 2004 CABI on STN  
 AN 87:13411 CABA  
 DN 19871658246  
 TI Transient and stable expression of the firefly **luciferase** gene  
 in **plant** cells and transgenic **plants**  
 AU Ow, D. W.; Wood, K. V.; DeLuca, M.; Wet, J. R. de; Helinski, D. R.;  
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 CS Dep. Biol., Univ. California, San Diego, La Jolla, CA 92093, USA.  
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L9 ANSWER 18 OF 23 CABA COPYRIGHT 2004 CABI on STN  
 AN 85:126599 CABA  
 DN 19850606700  
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 AU Hopper, G. M.; Parrish, D. J.; Smith, D. W.  
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L9 ANSWER 19 OF 23 CABA COPYRIGHT 2004 CABI on STN  
 AN 85:7725 CABA  
 DN 19851303665  
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 AU Yu, S. Q.; Trione, E. J.; Ching, T. M.  
 CS Agric. Res. Serv., USDA, Dep. Bot. Pl. Path., Oregon State Univ.,  
 Corvallis, Ore. 97331, USA.  
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 LA English  
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L9 ANSWER 20 OF 23 CABA COPYRIGHT 2004 CABI on STN  
 AN 84:15236 CABA  
 DN 19840757056  
 TI Adenosine triphosphate (ATP) determination in green leaves by heat  
 treatment extraction in higher **plants**  
 AU Saka, H.; Chisaka, H.; Uezono, T.  
 CS National Inst. of Agric. Sci., Yatabe, Tsukuba, Ibaraki 305, Japan.  
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 DT Journal  
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L9 ANSWER 21 OF 23 CABA COPYRIGHT 2004 CABI on STN

AN 83:49389 CABA  
DN 19830746489  
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non-hardened wheat grains during the initial period of imbibition  
AU Genkel', P. A.; Tvorus, E. K.  
CS Institut Fiziologii Rastanii im. K.A. Timiryazeva, Moscow, USSR.  
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L9 ANSWER 22 OF 23 CABA COPYRIGHT 2004 CABI on STN  
AN 81:43911 CABA  
DN 19800712127  
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cyanide-insensitive oxidase. Some additional evidence  
AU Wilson, S. B.  
CS Dep. of Biochem., Aberdeen Univ., Aberdeen AB9 1AS, UK.  
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L9 ANSWER 23 OF 23 CABA COPYRIGHT 2004 CABI on STN  
AN 81:41696 CABA  
DN 19800708889  
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AU Malik, N. S. A.; Thimann, K. V.  
CS Thimann Lab., California Univ., Santa Cruz, CA 95064, USA.  
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